

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for treating or preventing ~~The use of modulators or of a modulator of the potassium channels TWIK-1, TASK-1, GIRK1, SK2 or PCN1 for producing a medicament for the treatment and/or prophylaxis of~~ cardiac dysrhythmias (arrhythmias), coronary heart disease or hypertension , comprising administering to a patient a therapeutically effective amount of a modulator of the potassium channels TWIK-1, TASK-1, GIRK1, SK2 or PCN1 .
2. (original) A method for screening test compounds to identify modulators of the potassium channels TWIK-1, TASK-1, GIRK1, SK2 or PCN1 which are suitable for producing a medicament for the treatment and/or prophylaxis of cardiac dysrhythmias (arrhythmias), coronary heart disease or hypertension.
3. (original) A pharmaceutical composition comprising a modulator or a plurality of modulators of the potassium channels TWIK-1, TASK-1, GIRK1, SK2 or PCN1 for the treatment and/or prophylaxis of cardiac dysrhythmias (arrhythmias), coronary heart disease or hypertension.
4. (cancelled)
5. (currently amended) A method for treating ~~The use of modulators of gene products which are expressed in the human heart differentially between left atrium and left ventricle for producing a medicament for the treatment of~~ cardiac dysrhythmias (arrhythmias), coronary heart disease, or hypertension , comprising administering to a patient a therapeutically effective amount of a modulator of gene products which are expressed in the human heart differentially between left atrium and left ventricle .